



U. S. Department of Commerce
Economics and Statistics Administration
BUREAU OF THE CENSUS

Manufacturers' Shipments, Inventories, and Orders

June 1997

M3-1-(97)-06

For Wire Transmissions 10:00 a.m. E.D.T. August 1, 1997

For Data - (301) 457-4673
For Questions - Kathy Menth or Gloria Cable
(301) 457-4804 or (301) 457-4832

Note: All figures in text are in seasonally adjusted current dollars

Summary

New orders for manufactured goods in June increased \$3.8 billion or 1.2 percent to \$327.9 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 0.5 percent May decrease and is the second increase in the last three months. Excluding transportation, new orders increased 0.3 percent, following a 0.4 percent May decrease. Year to date, new orders are 5.0 percent above the same period a year ago; new orders for the second quarter are 0.6 percent above the first quarter.

Shipments, up two of the last three months, increased \$2.9 billion or 0.9 percent to \$326.4 billion, following a 1.0 percent May decrease. Year to date, shipments are 5.7 percent above the same period a year ago; shipments for the second quarter are 1.2 percent above the first quarter.

Unfilled orders, up for the second consecutive month, increased \$1.4 billion or 0.3 percent to \$524.1 billion, following a 0.1 percent May increase. The unfilled orders-to-shipments ratio was 2.86, down from 2.89 in May.

Inventories, up eleven of the last twelve months, increased \$1.3 billion or 0.3 percent to \$444.8 billion, following a 0.4 percent May increase. The inventories-to-shipments ratio was 1.36, down from 1.37 in May.

New Orders

New orders for manufactured durable goods in June increased \$4.3 billion or 2.4 percent to \$180.7 billion, revised from the previously published 2.3 percent increase. This is the second increase in the last three months and follows a 0.4 percent May decline.

Transportation equipment, up two of the last three months, had the largest increase, \$3.1 billion or 7.9 percent to \$42.5 billion, due to aircraft and parts and motor vehicles and parts. This follows a 0.7 percent May decrease. Instruments and related products increased \$0.7 billion or 5.4 percent to \$13.1 billion. This follows a 6.3 percent May decrease and is the second increase in the last three months. Fabricated metal products, up two of the last three months, increased \$0.3 billion or 1.7 percent to \$19.0 billion. This follows a 3.2 percent May decrease. Stone, clay, and glass products, up six of the last seven months, increased \$0.2 billion or 2.7 percent to \$7.7 billion, following a 2.1 percent May decline. Industrial machinery and equipment, down three of the last four months, decreased \$0.3 billion or 0.9 percent to \$32.5 billion. This follows a 3.3 percent May decrease.

New orders for nondurable goods, down four of the last five months, decreased \$0.5 billion or 0.3 percent to \$147.1 billion, following a 0.6 percent May decrease. Textile mill products and food and kindred products had the largest declines. Paper and allied products had the largest increase.

Shipments

Shipments of durable goods in June, up five of the last six months, increased \$3.5 billion or 2.0 percent to \$179.4 billion, revised from the previously published 1.8 percent increase. Transportation equipment, up five of the last six months, had the largest increase, \$1.0 billion or 2.5 percent to \$42.1 billion, due to motor vehicles and parts and railroad and other transportation equipment. This follows a 3.0 percent May decrease. Electronic and other electrical equipment, up four of the last five months, increased \$0.9 billion or 3.3 percent to \$29.7 billion. This follows a 0.8 percent May increase. Industrial machinery and equipment, up four of the

last five months, increased \$0.7 billion or 2.0 percent to \$33.7 billion, following a 0.8 percent May decrease. Instruments and related products, up two of the last three months, increased \$0.3 billion or 2.3 percent to \$12.9 billion. This follows a 2.3 percent May decline. Fabricated metal products, also up two of the last three months, increased \$0.3 billion or 1.4 percent to \$18.8 billion, following a 2.3 percent May decline. Primary metals, up two of the last three months, increased \$0.2 billion or 1.6 percent to \$15.4 billion, following a 1.7 percent May decrease.

Shipments of nondurable goods, down four of the last five months, decreased \$0.7 billion or 0.5 percent to \$147.0 billion. This follows a 0.5 percent May decrease. Food and kindred products and petroleum and coal products had the largest declines.

Unfilled Orders

Unfilled orders for durable goods in June increased \$1.3 billion or 0.3 percent to \$498.5 billion, unrevised from the previously published 0.3 percent increase. This follows a 0.1 percent May increase.

Electronic and other electrical equipment had the largest increase, \$1.2 billion or 2.3 percent to \$55.2 billion, following a 4.1 percent May increase. Transportation equipment increased \$0.5 billion or 0.2 percent to \$25.1 billion; a large increase in aircraft and parts more than offset a decline in railroad and other transportation equipment. This follows a 0.6 percent May decrease. Stone, clay, and glass products increased \$0.2 billion or 2.9 percent to \$7.0 billion. This follows a 0.7 percent May decline and is the third increase in the last four months. Fabricated metal products, up for the eighteenth consecutive month, increased \$0.2 billion or 0.8 percent to \$25.8 billion. This follows a 0.5 percent May increase. Instruments and related products, up seven of the last eight months, increased \$0.2 billion or 0.4 percent to \$47.2 billion. This follows a 0.4 percent May decline. Primary metals, up for the sixth consecutive month, increased \$0.2 billion or 0.5 percent to \$31.0 billion, following a 1.1 percent May increase. Industrial machinery and equipment, down for the second consecutive month, decreased \$1.2 billion or 1.7 percent to \$72.7 billion, following a 0.4 percent May decrease.

Inventories

Inventories of durable goods in June, up eleven of the last twelve months, increased \$0.7 billion or 0.2 percent to \$278.8 billion. This follows a 0.4 percent May increase. Fabricated metal products had the largest increase, \$0.3 billion or 0.9 percent to \$28.6 billion. This follows a 0.2 percent May increase and is the eleventh increase in the last twelve months. Transportation equipment, up for the eighteenth consecutive month, increased \$0.2 billion or 0.4 percent to \$66.3 billion. This follows a 0.6 percent May increase. Instruments and related products, up two of the last three months, increased \$0.1 billion or 0.5 percent to \$24.8 billion. Industrial machinery and equipment, down for the first month since March, decreased \$0.1 billion or 0.2 percent to \$59.5 billion. This follows a 0.4 percent May increase.

Inventories of nondurable goods, up ten of the last eleven months, increased \$0.6 billion or 0.4 percent to \$166.0 billion, following a 0.5 percent May increase. Chemical and allied products, food and kindred products, and apparel and related products had the largest increases.

By stage of fabrication, June finished goods increased 0.3 percent in durables and 0.9 percent in nondurables. Work in progress decreased slightly in durables and 0.2 percent in nondurables. Materials and supplies increased 0.5 percent in durables and increased slightly in nondurables.

Our internet site address is: <http://www.census.gov/ftp/pub/indicator/www/m3/index.htm>

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ¹						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	June 1997 ^p	May 1997 ^r	Apr. 1997	May-June	Apr.-May	Mar.-Apr.	June 1997 ^p	May 1997 ^r	Apr. 1997	June 1996		1997 ^p	1996
All manufacturing industries	326,427	323,567	326,909	+0.9	-1.0	+1.2	349,016	325,261	325,134	331,597	+5.3	1,947,007	1,843,239
Manufacturing Industries													
with unfilled orders	183,197	180,612	182,347	+1.4	-1.0	+0.9	199,202	178,624	178,540	186,701	+6.7	1,080,967	1,017,339
without defense capital goods . . .	319,726	317,251	320,490	+0.8	-1.0	+1.2	341,729	319,167	319,114	324,867	+5.2	1,909,537	1,807,720
Durable goods industries	179,448	175,900	178,482	+2.0	-1.4	+1.3	196,453	176,839	177,787	182,994	+7.4	1,068,007	996,529
With unfilled orders	147,163	144,587	146,177	+1.8	-1.1	+1.1	162,123	143,372	143,082	149,669	+8.3	868,324	806,248
Stone, clay, and glass products	7,518	7,556	7,614	-0.5	-0.8	+1.5	8,233	7,807	7,800	7,640	+7.8	44,353	40,233
Primary metals	15,402	15,166	15,425	+1.6	-1.7	+1.4	16,242	15,655	16,000	14,891	+9.1	93,732	88,222
Blast furnaces, steel mills	6,289	6,081	6,238	+3.4	-2.5	+0.3	6,572	6,241	6,462	6,269	+4.8	38,237	36,743
Iron and steel foundries	1,442	1,422	1,472	+1.4	-3.4	+4.8	1,569	1,525	1,574	1,512	+3.8	8,954	8,414
Nonferrous and other primary metals	7,671	7,663	7,715	+0.1	-0.7	+1.7	8,101	7,889	7,964	7,110	+13.9	46,541	43,065
Fabricated metal products	18,822	18,567	19,003	+1.4	-2.3	+2.6	20,060	18,923	19,268	19,163	+4.7	112,982	107,078
Industrial machinery and equipment . .	33,715	33,053	33,323	+2.0	-0.8	+1.9	38,775	32,427	32,264	36,489	+6.3	200,603	190,152
Engines and turbines	1,882	1,889	1,903	-0.4	-0.7	+4.9	2,209	1,797	1,785	2,239	-1.3	11,077	11,140
Farm and garden machinery	2,009	1,978	2,031	+1.6	-2.6	+4.2	2,033	2,344	2,691	1,868	+8.8	13,641	12,737
Construction, mining and material handling equipment	3,742	3,714	3,865	+0.8	-3.9	+3.7	4,038	3,803	3,994	3,730	+8.3	23,056	21,060
Metalworking machinery	3,551	3,439	3,340	+3.3	+3.0	+1.5	3,984	3,390	3,152	3,340	+19.3	19,713	17,619
Computer and office equipment . . .	8,858	8,809	8,670	+0.6	+1.6	-2.0	11,462	7,641	6,678	10,886	+5.3	51,491	48,746
Electronic and other electrical equipment	29,657	28,716	28,485	+3.3	+0.8	-3.4	32,457	27,779	26,632	29,242	+11.0	169,110	155,858
Electrical transmission and distribution equipment and industrial apparatus	3,258	3,240	3,327	+0.6	-2.6	+5.2	3,664	3,179	3,309	3,571	+2.6	19,603	18,788
Household appliances	2,078	1,944	1,989	+6.9	-2.3	-1.6	2,404	1,968	1,994	2,251	+6.8	12,119	11,778
Electric lighting and wiring equipment	2,080	2,116	2,144	-1.7	-1.3	+4.3	2,159	2,116	2,065	2,096	+3.0	12,538	11,841
Household audio and video equipment	1,406	1,353	1,303	+3.9	+3.8	-0.5	1,281	1,132	1,044	1,119	+14.5	6,902	6,326
Communications equipment	6,509	6,344	6,023	+2.6	+5.3	-3.5	7,526	5,877	5,329	6,688	+12.5	35,315	31,167
Electronic components	12,136	11,601	11,475	+4.6	+1.1	-8.6	13,095	11,415	10,814	11,203	+16.9	69,966	63,316
Transportation equipment	42,064	41,056	42,346	+2.5	-3.0	+3.3	45,590	42,738	44,282	42,733	+6.7	257,619	239,839
Motor vehicles and parts	28,667	27,813	28,971	+3.1	-4.0	+2.9	30,592	29,912	31,126	30,094	+1.7	181,469	174,239
Aircraft, missiles, space vehicles, and parts	10,463	10,513	10,751	-0.5	-2.2	+5.6	11,865	10,023	10,436	9,492	+25.0	59,808	48,548
Shipbuilding and tanks	933	1,001	915	-6.8	+9.4	+5.1	1,039	1,025	891	1,114	-6.7	5,343	5,505
Instruments and related products	12,930	12,640	12,942	+2.3	-2.3	+0.7	14,216	12,505	12,407	13,367	+6.4	76,608	72,052
Search and navigation equipment . . .	2,687	2,579	2,644	+4.2	-2.5	+3.1	2,933	2,515	2,539	2,594	+13.1	15,576	14,473
Measuring and controlling devices . .	3,812	3,759	3,843	+1.4	-2.2	+3.0	4,075	3,755	3,691	3,916	+4.1	22,664	21,727
Medical instruments and supplies . .	4,111	4,014	4,030	+2.4	-0.4	-2.1	4,543	3,885	3,797	4,302	+5.6	24,310	22,818
Photographic goods	1,876	1,863	1,989	+0.7	-6.3	-1.3	2,169	1,912	1,926	2,163	+0.3	11,419	10,908
All other durable goods	19,340	19,146	19,344	+1.0	-1.0	+2.1	20,880	19,005	19,134	19,469	+7.2	113,000	103,095
Nondurable goods industries	146,979	147,667	148,427	-0.5	-0.5	+1.2	152,563	148,422	147,347	148,603	+2.7	879,000	846,710
With unfilled orders	36,034	36,025	36,170	0.0	-0.4	+0.4	37,079	35,252	35,458	37,032	+0.1	212,643	211,091
Food and kindred products	39,977	40,251	40,150	-0.7	+0.3	0.0	40,715	40,437	38,970	39,506	+3.1	236,252	229,337
Meat products	8,877	8,911	8,878	-0.4	+0.4	-1.3	9,037	9,115	8,606	8,935	+1.1	52,385	51,316
Dairy products	5,054	5,112	4,895	-1.1	+4.4	-3.2	5,185	5,181	4,745	5,038	+2.9	29,921	28,582
Beverages	5,773	5,828	5,836	-0.9	-0.1	-0.6	6,587	6,319	5,865	6,454	+2.1	34,626	33,793
All other foods, except fats and oils .	18,356	18,427	18,398	-0.4	+0.2	+1.2	17,989	17,849	17,611	17,217	+4.5	107,175	104,344
Tobacco products	3,187	3,194	3,065	-0.2	+4.2	-0.9	3,219	3,346	2,913	2,870	+12.2	18,658	16,651
Textile mill products	6,644	6,771	6,866	-1.9	-1.4	+0.7	7,405	6,856	6,574	7,580	-2.3	40,530	38,785
Broadwoven fabrics and other textiles	4,061	4,136	4,216	-1.8	-1.9	-0.7	4,427	4,267	4,091	4,599	-3.7	25,235	24,445
Paper and allied products	13,150	13,208	13,533	-0.4	-2.4	+3.1	13,732	13,191	13,310	14,027	-2.1	79,587	81,967
Pulp, paper, and paperboard mill products	5,100	5,171	5,399	-1.4	-4.2	+0.7	5,340	5,171	5,313	5,702	-6.3	31,447	33,422
Paperboard containers and boxes . .	3,212	3,212	3,233	0.0	-0.6	+1.3	3,302	3,261	3,268	3,311	-0.3	19,572	20,117
Miscellaneous converted paper products	4,838	4,825	4,901	+0.3	-1.6	+7.2	5,090	4,759	4,729	5,014	+1.5	28,568	28,428
Chemicals and allied products	32,802	32,945	32,975	-0.4	-0.1	+2.5	34,521	33,507	34,258	32,468	+6.3	199,048	186,072
Industrial chemicals	15,813	15,888	16,070	-0.5	-1.1	+0.6	16,698	16,191	16,612	15,984	+4.5	97,401	91,955
Drugs, soaps, and toiletries	12,919	12,932	12,777	-0.1	+1.2	+4.1	13,152	12,028	12,011	12,035	+9.3	74,431	68,425
Petroleum and coal products	14,919	15,104	14,941	-1.2	+1.1	-1.6	15,668	15,812	14,977	15,382	+1.9	90,501	84,757
Rubber and plastics products	12,229	12,171	12,688	+0.5	-4.1	+3.4	13,123	12,687	13,122	12,958	+1.3	75,531	73,258
All other nondurable goods	24,071	24,023	24,209	+0.2	-0.8	+1.4	24,180	22,586	23,223	23,812	+1.5	138,893	135,883

^p Preliminary. ^r Revised.

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

See note at end of table 2 relating to survey error and revision.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ¹						
	Monthly			Percent Change			Monthly				Percent change June 97/96	Year to date	
	June 1997 ^p	May 1997 ^r	Apr. 1997	May-June	Apr.-May	Mar.-Apr.	June 1997 ^p	May 1997 ^r	Apr. 1997	June 1996		1997 ^p	1996
All manufacturing industries	327,857	324,042	325,544	+1.2	-0.5	+1.4	346,213	323,870	325,066	331,043	+4.6	1,958,187	1,867,825
Manufacturing industries with unfilled orders	184,627	181,087	180,982	+2.0	+0.1	+1.2	196,399	177,233	178,472	186,147	+5.5	1,092,147	1,041,925
without defense capital goods	321,596	318,519	319,273	+1.0	-0.2	+1.0	339,924	319,928	319,512	322,601	+5.4	1,923,825	1,825,868
Durable goods industries	180,711	176,443	177,112	+2.4	-0.4	+1.8	193,399	175,342	177,266	182,129	+6.2	1,077,421	1,019,257
With unfilled orders	148,426	145,130	144,807	+2.3	+0.2	+1.7	159,069	141,875	142,561	148,804	+6.9	877,738	828,976
Stone, clay, and glass products	7,712	7,507	7,671	+2.7	-2.1	+1.1	8,254	7,726	7,892	7,360	+12.1	44,676	40,193
Primary metals	15,557	15,516	15,904	+0.3	-2.4	+2.4	15,751	15,544	16,282	15,049	+4.7	96,356	90,119
Blast furnaces, steel mills	6,447	6,235	6,512	+3.4	-4.3	+6.7	6,433	6,244	6,708	6,071	+6.0	39,394	37,661
Iron and steel foundries	1,452	1,505	1,522	-3.5	-1.1	+0.7	1,569	1,521	1,597	1,704	-7.9	9,499	9,101
Nonferrous and other primary metals	7,658	7,776	7,870	-1.5	-1.2	-0.5	7,749	7,779	7,977	7,274	+6.5	47,463	43,357
Fabricated metal products	19,016	18,692	19,319	+1.7	-3.2	+3.7	20,382	18,988	19,603	19,352	+5.3	114,673	108,175
Industrial machinery and equipment	32,471	32,753	33,861	-0.9	-3.3	+3.0	36,585	32,280	32,781	35,521	+3.0	200,326	190,679
Engines and turbines	1,431	1,497	1,746	-4.4	-14.3	-10.3	1,791	1,416	1,362	2,141	-16.3	9,581	10,081
Construction, mining and material handling equipment	3,838	3,659	3,954	+4.9	-7.5	+4.4	3,976	3,594	4,041	3,605	+10.3	23,620	21,645
Metalworking machinery	3,092	3,236	3,547	-4.4	-8.8	+9.4	3,525	3,187	3,359	3,272	+7.7	19,608	18,040
Computer and office equipment	8,316	8,632	8,538	-3.7	+1.1	-1.1	10,637	7,949	6,805	10,817	-1.7	50,549	48,783
Electronic and other electrical equipment	30,900	30,851	27,884	+0.2	+10.6	-3.2	32,161	29,509	27,053	27,587	+16.6	175,149	154,590
Electrical transmission and distribution equipment and industrial apparatus	3,199	3,229	3,366	-0.9	-4.1	+2.3	3,454	3,136	3,332	3,486	-0.9	19,901	18,744
Electric lighting and wiring equipment	2,078	2,089	2,266	-0.5	-7.8	+15.1	2,157	2,089	2,187	2,101	+2.7	12,600	12,058
Communications equipment	7,407	6,721	6,018	+10.2	+11.7	-8.1	8,470	6,230	5,336	6,304	+34.4	38,100	31,541
Electronic components	12,544	13,433	10,621	-6.6	+26.5	-6.3	12,084	12,858	10,955	10,115	+19.5	71,863	61,031
Transportation equipment	42,519	39,423	39,717	+7.9	-0.7	+2.8	45,463	39,590	41,546	45,488	-0.1	254,077	259,645
Aircraft, missiles, space vehicles, and parts	11,168	8,851	8,724	+26.2	+1.5	+13.4	11,999	7,255	8,345	10,813	+11.0	57,474	68,051
Shipbuilding and tanks	893	959	692	-6.9	+38.6	+21.4	1,139	948	723	2,481	-54.1	4,469	6,566
Instruments and related products	13,103	12,429	13,267	+5.4	-6.3	+2.5	14,207	12,111	12,438	12,810	+10.9	77,882	71,527
Search and navigation equipment	2,901	2,046	2,630	+41.8	-22.2	-3.6	3,114	1,753	2,259	2,234	+39.4	15,662	13,886
Measuring and controlling devices	3,738	3,887	3,819	-3.8	+1.8	+2.5	4,001	3,883	3,667	3,810	+5.0	22,914	21,574
Medical instruments and supplies	3,908	4,042	4,347	-3.3	-7.0	+8.7	4,120	4,001	4,140	4,175	-1.3	24,472	22,807
All other durable goods	19,433	19,272	19,489	+0.8	-1.1	+2.8	20,596	19,594	19,671	18,962	+8.6	114,282	104,329
Nondurable goods industries	147,146	147,599	148,432	-0.3	-0.6	+0.8	152,814	148,528	147,800	148,914	+2.6	880,766	848,568
With unfilled orders	36,201	35,957	36,175	+0.7	-0.6	-0.9	37,330	35,358	35,911	37,343	0.0	214,409	212,949

^p Preliminary. ^r Revised.

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

(n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net do increase from the prior month to the current month.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(5) "Manufacturers' Shipments, Inventories, and Orders: 1982-1995."

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change June 97/96
	June 1997 ^p	May 1997 ^r	Apr. 1997	May- June	Apr.- May	Mar.- Apr.	June 1997 ^p	May 1997 ^r	Apr. 1997	June 1996	
All manufacturing industries	524,119	522,689	522,214	+0.3	+0.1	-0.3	523,399	526,202	527,593	501,620	+4.3
Manufacturing industries without defense capital goods	416,142	414,272	413,004	+0.5	+0.3	-0.3	414,829	416,634	415,873	390,880	+6.1
Durable goods industries	498,477	497,214	496,671	+0.3	+0.1	-0.3	496,988	500,042	501,539	476,741	+4.2
Stone, clay, and glass products	6,988	6,794	6,843	+2.9	-0.7	+0.8	6,900	6,879	6,960	6,769	+1.9
Primary metals	30,950	30,795	30,445	+0.5	+1.1	+1.6	31,062	31,553	31,664	29,089	+6.8
Blast furnaces, steel mills	12,579	12,421	12,267	+1.3	+1.3	+2.3	12,692	12,831	12,828	12,426	+2.1
Iron and steel foundries	4,770	4,760	4,677	+0.2	+1.8	+1.1	4,837	4,837	4,841	4,222	+14.6
Nonferrous and other primary metals	13,601	13,614	13,501	-0.1	+0.8	+1.2	13,533	13,885	13,995	12,441	+8.8
Fabricated metal products	25,768	25,574	25,449	+0.8	+0.5	+1.3	25,921	25,599	25,534	23,286	+11.3
Industrial machinery and equipment	72,721	73,965	74,265	-1.7	-0.4	+0.7	71,887	74,077	74,224	71,240	+0.9
Engines and turbines	11,692	12,143	12,535	-3.7	-3.1	-1.2	11,205	11,623	12,004	11,235	-0.3
Construction, mining and material handling equipment	9,147	9,051	9,106	+1.1	-0.6	+1.0	9,193	9,255	9,464	8,953	+2.7
Metalworking machinery	8,105	8,564	8,767	-5.4	-2.3	+2.4	8,105	8,564	8,767	8,587	-5.6
Computer and office equipment	8,883	9,425	9,602	-5.8	-1.8	-1.4	8,839	9,664	9,356	9,483	-6.8
Electronic and other electrical equipment	55,186	53,943	51,808	+2.3	+4.1	-1.1	53,901	54,197	52,467	48,205	+11.8
Electrical transmission and distribution equipment and industrial apparatus	6,709	6,768	6,779	-0.9	-0.2	+0.6	6,600	6,810	6,853	6,041	+9.3
Electric lighting and wiring equipment	4,476	4,478	4,505	0.0	-0.6	+2.8	4,476	4,478	4,505	4,099	+9.2
Communications equipment	15,148	14,250	13,873	+6.3	+2.7	0.0	15,185	14,241	13,888	13,876	+9.4
Electronic components	22,870	22,462	20,630	+1.8	+8.9	-4.0	21,658	22,669	21,226	19,047	+13.7
Transportation equipment	251,804	251,349	252,982	+0.2	-0.6	-1.0	252,193	252,320	255,468	244,341	+3.2
Aircraft, missiles, space vehicles, and parts	220,019	219,314	220,976	+0.3	-0.8	-0.9	220,575	220,441	223,209	212,068	+4.0
Shipbuilding and tanks	18,431	18,471	18,513	-0.2	-0.2	-1.2	18,579	18,479	18,556	19,496	-4.7
Instruments and related products	47,239	47,066	47,277	+0.4	-0.4	+0.7	47,086	47,095	47,489	46,031	+2.3
Search and navigation equipment	27,703	27,489	28,022	+0.8	-1.9	0.0	27,703	27,522	28,284	28,190	-1.7
Measuring and controlling devices	9,997	10,071	9,943	-0.7	+1.3	-0.2	9,997	10,071	9,943	9,571	+4.5
Medical instruments and supplies	7,847	8,050	8,022	-2.5	+0.3	+4.1	7,588	8,011	7,895	7,307	+3.8
All other durable goods	7,821	7,728	7,602	+1.2	+1.7	+1.9	8,038	8,322	7,733	7,780	+3.3
Nondurable goods industries	25,642	25,475	25,543	+0.7	-0.3	0.0	26,411	26,160	26,054	24,879	+6.2

^p Preliminary. ^r Revised.

See note at end of table 2 relating to survey error and revision.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change June 97/96
	June 1997 ^p	May 1997 ^r	Apr. 1997	May- June	Apr.- May	Mar.- Apr.	June 1997 ^p	May 1997 ^r	Apr. 1997	June 1996	
All manufacturing industries	444,798	443,460	441,508	+0.3	+0.4	+0.7	443,020	447,620	443,755	427,726	+3.6
Manufacturing industries with unfilled orders	294,962	294,347	293,223	+0.2	+0.4	+0.8	294,934	298,467	295,086	284,939	+3.5
without defense capital goods	428,897	427,309	425,176	+0.4	+0.5	+0.7	426,889	431,223	427,428	410,421	+4.0
Durable goods industries	278,775	278,084	276,992	+0.2	+0.4	+0.9	277,565	281,375	278,435	266,934	+4.0
With unfilled orders	255,706	255,054	254,094	+0.3	+0.4	+0.9	255,295	258,489	255,478	244,955	+4.2
Stone, clay, and glass products	8,768	8,749	8,683	+0.2	+0.8	-0.2	8,874	8,993	8,910	8,536	+4.0
Primary metals	24,775	24,694	24,659	+0.3	+0.1	-0.7	24,661	24,697	24,682	24,128	+2.2
Blast furnaces, steel mills	12,140	12,223	12,184	-0.7	+0.3	-0.5	11,897	12,078	11,979	11,445	+3.9
Iron and steel foundries	1,670	1,679	1,678	-0.5	+0.1	-0.1	1,700	1,726	1,727	1,638	+3.8
Nonferrous and other primary metals	10,965	10,792	10,797	+1.6	0.0	-1.0	11,064	10,893	10,976	11,045	+0.2
Fabricated metal products	28,553	28,289	28,228	+0.9	+0.2	+0.5	28,933	28,663	28,625	27,250	+6.2
Industrial machinery and equipment	59,543	59,635	59,387	-0.2	+0.4	+1.3	58,817	60,721	59,793	58,331	+0.8
Engines and turbines	3,621	3,641	3,690	-0.5	-1.3	+1.3	3,556	3,661	3,640	3,575	-0.5
Farm and garden machinery	3,277	3,231	3,173	+1.4	+1.8	+2.3	3,113	3,133	3,192	2,889	+7.8
Construction, mining and material handling equipment	7,730	7,645	7,623	+1.1	+0.3	+0.8	7,776	7,771	7,746	7,424	+4.7
Metalworking machinery	7,339	7,431	7,481	-1.2	-0.7	+1.2	7,310	7,559	7,515	7,137	+2.4
Computer and office equipment	11,820	11,950	11,830	-1.1	+1.0	+0.9	11,383	12,484	11,878	12,298	-7.4
Electronic and other electrical equipment	39,661	39,690	39,540	-0.1	+0.4	+1.2	39,674	40,413	39,889	39,361	+0.8
Electrical transmission and distribution equipment and industrial apparatus	5,324	5,315	5,264	+0.2	+1.0	+1.0	5,271	5,355	5,266	5,005	+5.3
Household appliances	2,799	2,785	2,783	+0.5	+0.1	+2.9	2,852	3,004	2,965	2,728	+4.5
Electric lighting and wiring equipment	3,351	3,366	3,346	-0.4	+0.6	+1.5	3,401	3,461	3,383	3,297	+3.2
Household audio and video equipment	1,492	1,528	1,544	-2.4	-1.0	-2.0	1,547	1,568	1,530	1,762	-12.2
Communications equipment	10,510	10,525	10,405	-0.1	+1.2	+0.6	10,414	10,858	10,605	9,915	+5.0
Electronic components	12,703	12,702	12,776	0.0	-0.6	+1.7	12,627	12,642	12,671	13,163	-4.1
Transportation equipment	66,344	66,107	65,735	+0.4	+0.6	+1.3	65,515	66,672	65,754	60,014	+9.2
Motor vehicles and parts	16,967	17,339	17,102	-2.1	+1.4	+1.4	16,342	17,282	17,081	15,779	+3.6
Aircraft, missiles, space vehicles, and parts	44,672	44,044	43,925	+1.4	+0.3	+1.2	44,572	44,637	43,920	39,579	+12.6
Shipbuilding and tanks	1,618	1,577	1,687	+2.6	-6.5	-1.9	1,596	1,601	1,732	1,709	-6.6
Instruments and related products	24,814	24,690	24,694	+0.5	0.0	+0.6	24,940	24,890	24,816	24,054	+3.7
Search and navigation equipment	6,247	6,219	6,187	+0.5	+0.5	+0.9	6,277	6,263	6,241	5,798	+8.3
Measuring and controlling devices	7,864	7,759	7,742	+1.4	+0.2	+0.8	7,903	7,786	7,791	7,526	+5.0
Medical instruments and supplies	7,771	7,763	7,810	+0.1	-0.6	+0.3	7,802	7,824	7,807	7,490	+4.2
Photographic goods	2,289	2,309	2,325	-0.9	-0.7	+0.6	2,305	2,366	2,342	2,620	-12.0
All other durable goods	26,317	26,230	26,066	+0.3	+0.6	+0.7	26,151	26,326	25,966	25,260	+3.5
Nondurable goods industries	166,023	165,376	164,516	+0.4	+0.5	+0.4	165,455	166,245	165,320	160,792	+2.9
With unfilled orders	39,256	39,293	39,129	-0.1	+0.4	+0.3	39,639	39,978	39,608	39,984	-0.9
Food and kindred products	35,214	35,060	34,929	+0.4	+0.4	+0.5	33,621	33,766	34,233	32,975	+2.0
Meat products	3,860	3,841	3,791	+0.5	+1.3	+1.8	3,906	3,923	3,890	3,784	+3.2
Dairy products	3,253	3,235	3,235	+0.6	0.0	+1.3	3,305	3,250	3,294	3,014	+9.7
Beverages	6,672	6,691	6,664	-0.3	+0.4	+1.1	6,612	6,691	6,693	6,543	+1.1
All other foods, except fats and oils	19,511	19,388	19,311	+0.6	+0.4	+0.6	17,989	18,024	18,389	17,728	+1.5
Tobacco products	6,195	6,238	6,241	-0.7	0.0	+1.4	5,718	5,957	6,170	5,402	+5.8
Textile mill products	10,209	10,155	10,155	+0.5	0.0	+0.8	10,282	10,488	10,442	10,033	+2.5
Broadwoven fabrics and other textiles	6,356	6,327	6,320	+0.5	+0.1	+0.6	6,362	6,488	6,469	6,299	+1.0
Paper and allied products	15,846	15,948	15,961	-0.6	-0.1	-0.6	15,792	16,200	16,180	16,494	-4.3
Pulp, paper, and paperboard mill products	6,542	6,590	6,584	-0.7	+0.1	+0.1	6,470	6,668	6,652	6,872	-5.8
Paperboard containers and boxes	3,817	3,894	3,925	-2.0	-0.8	-1.9	3,786	3,934	3,969	3,959	-4.4
Miscellaneous converted paper products	5,487	5,464	5,452	+0.4	+0.2	-0.5	5,536	5,598	5,559	5,663	-2.2
Chemicals and allied products	42,293	42,045	42,013	+0.6	+0.1	+0.8	42,338	42,577	42,440	40,378	+4.9
Industrial chemicals	19,626	19,510	19,437	+0.6	+0.4	-0.4	19,469	19,483	19,395	18,795	+3.6
Drugs, soaps, and toiletries	17,440	17,414	17,466	+0.1	-0.3	+3.1	17,789	17,957	17,647	16,688	+6.6
Petroleum and coal products	12,714	12,621	12,398	+0.7	+1.8	-1.9	13,040	13,025	12,512	12,129	+7.5
Rubber and plastics products	16,305	16,231	16,037	+0.5	+1.2	+0.6	16,308	16,415	16,328	15,244	+7.0
All other nondurable goods	27,247	27,078	26,782	+0.6	+1.1	+0.6	28,356	27,817	27,015	28,137	+0.8

^p Preliminary. ^r Revised.

See note at end of table 2 relating to survey error and revision.

**Table 5. VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted ²						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	June 1997 ^p	May 1997 ^r	Apr. 1997	May-June	Apr.-May	Mar.-Apr.	June 1997 ^p	May 1997 ^r	Apr. 1997	June 1996	June 97/96	1997 ^p	1996
SHIPMENTS													
All manufacturing industries	326,427	323,567	326,909	+0.9	-1.0	+1.2	349,016	325,261	325,134	331,597	+5.3	1,947,007	1,843,239
Market categories :													
Automotive equipment	14,137	13,602	14,146	+3.9	-3.8	+2.0	15,082	14,571	15,198	14,858	+1.5	88,717	86,168
Home goods and apparel	19,014	18,784	19,234	+1.2	-2.3	+3.4	20,039	17,692	18,030	19,228	+4.2	109,474	104,352
Consumer staples	68,809	69,120	68,469	-0.4	+1.0	+0.6	70,510	68,755	66,262	67,588	+4.3	404,585	386,026
Machinery and equipment	59,133	58,194	58,645	+1.6	-0.8	+1.0	66,927	57,552	57,244	61,831	+8.2	349,447	322,877
Business supplies	25,236	25,163	25,073	+0.3	+0.4	+0.5	26,404	25,248	25,728	25,451	+3.7	150,322	144,467
Construction materials and supplies	20,693	20,597	21,045	+0.5	-2.1	+3.0	22,313	21,126	21,154	21,168	+5.4	122,330	113,777
Defense products	7,047	6,646	6,750	+6.0	-1.5	+1.4	7,618	6,424	6,415	7,057	+7.9	39,734	37,758
Other materials, supplies and intermediate products	112,358	111,461	113,547	+0.8	-1.8	+1.2	120,123	113,893	115,103	114,416	+5.0	682,398	647,814
Durable goods industries :													
Nondefense capital goods ³	46,187	45,601	45,660	+1.3	-0.1	+1.6	53,692	43,627	42,903	48,962	+9.7	267,907	245,679
Excluding aircraft and parts	39,469	38,533	38,422	+2.4	+0.3	+0.4	45,885	36,914	35,733	43,076	+6.5	228,590	215,948
Defense capital goods ⁴	6,701	6,316	6,419	+6.1	-1.6	+2.4	7,287	6,094	6,020	6,730	+8.3	37,470	35,519
Durables excluding capital goods	126,560	123,983	126,403	+2.1	-1.9	+1.1	135,474	127,118	128,864	127,302	+6.4	762,630	715,331
Miscellaneous series :													
Producers' durable equipment	114,437	112,189	113,987	+2.0	-1.6	+1.6	126,902	112,917	113,763	119,371	+6.3	686,315	644,092
Household durable goods	9,942	9,553	9,566	+4.1	-0.1	0.0	10,545	9,073	9,109	9,596	+9.9	55,924	51,939
Information technology industries	21,626	21,369	21,157	+1.2	+1.0	-1.5	25,821	19,801	18,286	24,190	+6.7	124,597	115,777
Health care equipment and products	11,128	11,038	10,977	+0.8	+0.6	+1.7	11,694	10,434	10,343	10,854	+7.7	64,811	60,068
NEW ORDERS													
All manufacturing industries	327,857	324,042	325,544	+1.2	-0.5	+1.4	346,213	323,870	325,066	331,043	+4.6	1,958,187	1,867,825
Market categories :													
Automotive equipment	14,156	13,605	14,144	+4.0	-3.8	+1.7	15,068	14,507	15,191	14,804	+1.8	88,876	86,103
Home goods and apparel	19,193	19,100	19,139	+0.5	-0.2	+4.1	20,202	18,156	18,239	19,011	+6.3	110,953	106,554
Consumer staples	68,856	69,140	68,536	-0.4	+0.9	+0.3	70,668	68,781	66,365	67,689	+4.4	404,714	386,136
Machinery and equipment	59,467	57,217	57,288	+3.9	-0.1	-0.4	66,372	56,772	56,361	61,362	+8.2	353,326	338,324
Business supplies	25,222	25,276	25,183	-0.2	+0.4	0.0	26,243	25,575	25,945	25,402	+3.3	150,745	144,783
Construction materials and supplies	20,940	20,613	21,342	+1.6	-3.4	+4.5	22,559	21,094	21,498	21,093	+7.0	123,394	114,247
Defense products	6,621	5,959	6,683	+11.1	-10.8	+27.4	6,647	4,462	5,965	8,715	-23.7	36,389	44,008
Other materials, supplies and intermediate products	113,402	113,132	113,229	+0.2	-0.1	+1.0	118,454	114,523	115,502	112,967	+4.9	689,790	647,670
Durable goods industries :													
Nondefense capital goods ³	46,617	44,211	43,751	+5.4	+1.1	-1.7	53,257	42,344	41,104	48,286	+10.3	269,944	260,354
Excluding aircraft and parts	38,979	38,325	38,570	+1.7	-0.6	-1.5	44,530	36,813	35,991	41,783	+6.6	231,650	217,388
Defense capital goods ⁴	6,261	5,523	6,271	+13.4	-11.9	+27.5	6,289	3,942	5,554	8,442	-25.5	34,362	41,957
Durables excluding capital goods	127,833	126,709	127,090	+0.9	-0.3	+2.1	133,853	129,056	130,608	125,401	+6.7	773,115	716,946
Miscellaneous series :													
Producers' durable equipment	114,645	111,464	112,980	+2.9	-1.3	+0.8	125,607	112,454	113,215	118,132	+6.3	692,158	658,804
Household durable goods	10,144	9,846	9,604	+3.0	+2.5	+1.3	10,691	9,491	9,266	9,340	+14.5	57,158	52,948
Information technology industries	22,038	21,443	20,976	+2.8	+2.2	-3.5	25,929	20,372	18,346	23,322	+11.2	127,376	115,738
Health care equipment and products	10,927	11,067	11,296	-1.3	-2.0	+5.8	11,273	10,551	10,689	10,727	+5.1	64,982	60,059

^p Preliminary. ^r Revised.

¹ Topical series are regroupings of the separate industry categories.

² Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

³ Nondefense capital goods industries include : ordnance and accessories; steam, gas and hydraulic turbines; internal combustion engines; construction, mining, and material handling equipment; metalworking machinery; special industry machinery; general industrial machinery; computer and office equipment; refrigeration, heating and service industry machinery; electrical transmission and distribution equipment; electrical industrial apparatus; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships and tank components; railroad equipment; and search and navigation equipment.

⁴ Defense capital goods industries include : ordnance and accessories; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships, tanks and tank components; and search and navigation equipment.

See note at end of table 2 relating to survey error and revision.

**Table 6. VALUE OF MANUFACTURERS' UNFULFILLED ORDERS AND TOTAL INVENTORIES
FOR TOPICAL SERIES¹
(Millions of dollars)**

(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change June 97/96
	June 1997 ^p	May 1997 ^r	Apr. 1997	May- June	Apr.- May	Mar.- Apr.	June 1997 ^p	May 1997 ^r	Apr. 1997	June 1996	
UNFULFILLED ORDERS											
All manufacturing industries	524,119	522,689	522,214	+0.3	+0.1	-0.3	523,399	526,202	527,593	501,620	+4.3
Market categories :											
Automotive equipment	2,424	2,405	2,402	+0.8	+0.1	-0.1	2,362	2,376	2,441	2,170	+8.8
Home goods and apparel	8,501	8,321	8,006	+2.2	+3.9	-1.2	8,985	8,822	8,359	9,703	-7.4
Consumer staples	2,294	2,248	2,227	+2.0	+0.9	+3.1	2,287	2,129	2,103	1,989	+15.0
Machinery and equipment	232,629	232,296	233,273	+0.1	-0.4	-0.6	232,452	233,006	233,786	223,779	+3.9
Business supplies	6,949	6,963	6,850	-0.2	+1.6	+1.6	7,032	7,193	6,867	6,656	+5.6
Construction materials and supplies	17,065	16,817	16,801	+1.5	+0.1	+1.8	17,192	16,946	16,978	15,914	+8.0
Defense products	103,206	103,632	104,319	-0.4	-0.7	-0.1	103,761	104,732	106,694	105,940	-2.1
Other materials, supplies and and intermediate products	151,051	150,007	148,336	+0.7	+1.1	-0.2	149,328	150,998	150,365	135,469	+10.2
Durable goods industries :											
Nondefense capital goods ³	252,176	251,746	253,136	+0.2	-0.5	-0.7	251,560	251,995	253,278	241,028	+4.4
Excluding aircraft and parts	97,451	97,941	98,149	-0.5	-0.2	+0.2	96,835	98,190	98,291	95,089	+1.8
Defense capital goods ⁴	107,977	108,417	109,210	-0.4	-0.7	-0.1	108,570	109,568	111,720	110,740	-2.0
Durables excluding capital goods	138,324	137,051	134,325	+0.9	+2.0	+0.5	136,858	138,479	136,541	124,973	+9.5
Miscellaneous series :											
Producers' durable equipment	269,682	269,474	270,199	+0.1	-0.3	-0.4	268,853	270,148	270,611	259,041	+3.8
Household durable goods	5,888	5,686	5,393	+3.6	+5.4	+0.7	6,034	5,888	5,470	5,969	+1.1
Information technology industries	37,920	37,508	37,434	+1.1	+0.2	-0.5	37,869	37,761	37,190	36,469	+3.8
Health care equipment and products	7,885	8,086	8,058	-2.5	+0.3	+4.1	7,627	8,048	7,931	7,336	+4.0
TOTAL INVENTORIES											
All manufacturing industries	444,798	443,460	441,508	+0.3	+0.4	+0.7	443,020	447,620	443,755	427,726	+3.6
Market categories :											
Automotive equipment	8,409	8,472	8,319	-0.7	+1.8	+1.7	8,127	8,538	8,386	7,848	+3.6
Home goods and apparel	32,202	31,914	31,693	+0.9	+0.7	+0.7	33,248	33,075	32,168	32,261	+3.1
Consumer staples	69,059	68,871	68,613	+0.3	+0.4	+1.1	67,878	68,342	68,195	65,329	+3.9
Machinery and equipment	111,949	111,159	110,570	+0.7	+0.5	+1.3	110,890	113,084	111,366	103,549	+7.1
Business supplies	26,644	26,501	26,263	+0.5	+0.9	-0.1	26,803	26,870	26,585	26,040	+2.9
Construction materials and supplies	27,359	27,233	27,092	+0.5	+0.5	+0.5	27,552	27,541	27,408	26,529	+3.9
Defense products	15,626	15,881	16,062	-1.6	-1.1	+0.7	15,818	16,101	16,060	16,783	-5.7
Other materials, supplies and and intermediate products	153,550	153,429	152,896	+0.1	+0.3	+0.2	152,704	154,069	153,587	149,387	+2.2
Durable goods industries :											
Nondefense capital goods ³	105,913	105,149	104,545	+0.7	+0.6	+1.2	104,958	107,182	105,281	97,566	+7.6
Excluding aircraft and parts	70,987	71,085	70,732	-0.1	+0.5	+1.1	70,370	72,756	71,448	69,553	+1.2
Defense capital goods ⁴	15,901	16,151	16,332	-1.5	-1.1	+0.4	16,131	16,397	16,327	17,305	-6.8
Durables excluding capital goods	156,961	156,784	156,115	+0.1	+0.4	+0.7	156,476	157,796	156,827	152,063	+2.9
Miscellaneous series :											
Producers' durable equipment	181,399	180,613	179,428	+0.4	+0.7	+1.2	180,278	183,192	180,656	169,938	+6.1
Household durable goods	16,061	15,962	15,871	+0.6	+0.6	+0.8	16,325	16,416	16,037	15,673	+4.2
Information technology industries	34,616	34,572	34,308	+0.1	+0.8	+0.7	34,130	35,524	34,676	34,300	-0.5
Health care equipment and products	17,236	17,213	17,282	+0.1	-0.4	+1.8	17,453	17,565	17,377	16,543	+5.5

See footnotes at end of table 5.

See note at end of table 2 relating to survey error and revision.

**Table 7. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION,
BY INDUSTRY GROUP**
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change June 97/96
	June 1997 ^p	May 1997 ^r	Apr. 1997	May- June	Apr.- May	Mar.- Apr.	June 1997 ^p	May 1997 ^r	Apr. 1997	June 1996	
MATERIALS AND SUPPLIES											
All manufacturing industries	147,001	146,533	146,133	+0.3	+0.3	0.0	145,968	146,110	145,690	143,996	+1.4
Durable goods industries	85,812	85,373	85,066	+0.5	+0.4	+0.1	84,834	84,860	84,274	83,311	+1.8
Stone, clay, and glass products	2,896	2,885	2,917	+0.4	-1.1	+1.0	2,898	2,888	2,889	2,814	+3.0
Primary metals	7,950	7,923	7,946	+0.3	-0.3	-0.2	7,808	7,732	7,714	7,406	+5.4
Fabricated metal products	10,402	10,302	10,430	+1.0	-1.2	-0.5	10,421	10,241	10,395	10,020	+4.0
Industrial machinery and equipment	18,264	17,990	17,805	+1.5	+1.0	-1.5	18,070	18,093	17,609	18,521	-2.4
Electronic and other electrical equipment	13,664	13,704	13,651	-0.3	+0.4	+0.6	13,575	13,719	13,693	13,793	-1.6
Transportation equipment	14,340	14,266	14,181	+0.5	+0.6	+1.0	14,153	14,264	14,242	13,474	+5.0
Instruments and related products	8,178	8,142	8,091	+0.4	+0.6	+0.4	8,197	8,188	8,106	7,793	+5.2
Lumber, furniture and miscellaneous durable goods	10,118	10,161	10,045	-0.4	+1.2	+1.3	9,712	9,735	9,626	9,490	+2.3
Nondurable goods industries	61,189	61,160	61,067	0.0	+0.2	-0.1	61,134	61,250	61,416	60,685	+0.7
Food and kindred products	11,306	11,256	11,256	+0.4	0.0	-0.9	11,081	11,025	11,274	11,141	-0.5
Tobacco products	5,261	5,227	5,230	+0.7	-0.1	+1.9	4,997	5,127	5,305	4,667	+7.1
Textile mill products	3,139	3,137	3,208	+0.1	-2.2	-0.6	3,151	3,222	3,275	2,950	+6.8
Paper and allied products	7,696	7,811	7,870	-1.5	-0.7	-0.5	7,597	7,846	7,895	8,009	-5.1
Chemicals and allied products	14,104	14,072	14,148	+0.2	-0.5	+0.2	14,270	14,196	14,180	13,858	+3.0
Petroleum and coal products	3,750	3,807	3,610	-1.5	+5.5	-3.4	3,886	3,929	3,705	3,608	+7.7
Rubber and plastics products	6,217	6,251	6,217	-0.5	+0.5	+0.5	6,200	6,260	6,257	6,062	+2.3
Apparel, printing and publishing and leather goods	9,716	9,599	9,528	+1.2	+0.7	+0.4	9,952	9,645	9,525	10,390	-4.2
WORK IN PROCESS											
All manufacturing industries	140,666	140,724	139,918	0.0	+0.6	+0.8	139,741	141,781	140,007	133,614	+4.6
Durable goods industries	112,926	112,939	112,555	0.0	+0.3	+0.7	112,369	114,142	112,832	107,670	+4.4
Stone, clay, and glass products	1,188	1,279	1,251	-7.1	+2.2	-1.7	1,222	1,348	1,314	1,283	-4.8
Primary metals	8,860	8,808	8,778	+0.6	+0.3	-0.4	8,871	8,851	8,829	8,820	+0.6
Fabricated metal products	8,007	7,984	7,898	+0.3	+1.1	+1.2	8,014	8,057	7,927	7,757	+3.3
Industrial machinery and equipment	22,620	22,769	22,906	-0.7	-0.6	+1.9	22,492	23,172	23,042	22,314	+0.8
Electronic and other electrical equipment	14,802	14,738	14,649	+0.4	+0.6	-0.3	14,809	14,916	14,708	15,043	-1.6
Transportation equipment	42,266	42,312	42,087	-0.1	+0.5	+0.9	41,673	42,643	41,891	37,501	+11.1
Instruments and related products	10,051	10,003	10,007	+0.5	0.0	+0.3	10,136	10,068	10,115	9,820	+3.2
Lumber, furniture and miscellaneous durable goods	5,132	5,046	4,979	+1.7	+1.3	-1.0	5,152	5,087	5,006	5,132	+0.4
Nondurable goods industries	27,740	27,785	27,363	-0.2	+1.5	+1.1	27,372	27,639	27,175	25,944	+5.5
Food and kindred products	5,005	5,073	4,950	-1.3	+2.5	+0.6	4,620	4,638	4,675	4,515	+2.3
Tobacco products	225	226	217	-0.4	+4.1	-9.2	154	164	164	155	-0.6
Textile mill products	2,562	2,568	2,542	-0.2	+1.0	+2.1	2,546	2,602	2,572	2,589	-1.7
Paper and allied products	1,704	1,694	1,676	+0.6	+1.1	-0.5	1,742	1,726	1,696	1,710	+1.9
Chemicals and allied products	7,480	7,423	7,331	+0.8	+1.3	+3.3	7,530	7,548	7,311	6,815	+10.5
Petroleum and coal products	2,686	2,720	2,775	-1.3	-2.0	-1.3	2,705	2,799	2,812	2,557	+5.8
Rubber and plastics products	2,271	2,244	2,174	+1.2	+3.2	+0.4	2,219	2,254	2,155	1,988	+11.6
Apparel, printing and publishing and leather goods	5,807	5,837	5,698	-0.5	+2.4	+0.5	5,856	5,908	5,790	5,615	+4.3
FINISHED GOODS											
All manufacturing industries	157,131	156,203	155,457	+0.6	+0.5	+1.2	157,311	159,729	158,058	150,116	+4.8
Durable goods industries	80,037	79,772	79,371	+0.3	+0.5	+1.9	80,362	82,373	81,329	75,953	+5.8
Stone, clay, and glass products	4,684	4,585	4,515	+2.2	+1.6	-0.5	4,754	4,757	4,707	4,439	+7.1
Primary metals	7,965	7,963	7,935	0.0	+0.4	-1.6	7,982	8,114	8,139	7,902	+1.0
Fabricated metal products	10,144	10,003	9,900	+1.4	+1.0	+0.9	10,498	10,365	10,303	9,473	+10.8
Industrial machinery and equipment	18,659	18,876	18,676	-1.1	+1.1	+3.4	18,255	19,456	19,142	17,496	+4.3
Electronic and other electrical equipment	11,195	11,248	11,240	-0.5	+0.1	+3.8	11,290	11,778	11,488	10,525	+7.3
Transportation equipment	9,738	9,529	9,467	+2.2	+0.7	+3.5	9,689	9,765	9,621	9,039	+7.2
Instruments and related products	6,585	6,545	6,596	+0.6	-0.8	+1.5	6,607	6,634	6,595	6,441	+2.6
Lumber, furniture and miscellaneous durable goods	11,067	11,023	11,042	+0.4	-0.2	+1.1	11,287	11,504	11,334	10,638	+6.1
Nondurable goods industries	77,094	76,431	76,086	+0.9	+0.5	+0.5	76,949	77,356	76,729	74,163	+3.8
Food and kindred products	18,903	18,731	18,723	+0.9	0.0	+1.3	17,920	18,103	18,284	17,319	+3.5
Tobacco products	709	785	794	-9.7	-1.1	+1.8	567	666	701	580	-2.2
Textile mill products	4,508	4,450	4,405	+1.3	+1.0	+1.0	4,585	4,664	4,595	4,494	+2.0
Paper and allied products	6,446	6,443	6,415	0.0	+0.4	-0.8	6,453	6,628	6,589	6,775	-4.8
Chemicals and allied products	20,709	20,550	20,534	+0.8	+0.1	+0.4	20,538	20,833	20,949	19,705	+4.2
Petroleum and coal products	6,278	6,094	6,013	+3.0	+1.3	-1.2	6,449	6,297	5,995	5,964	+8.1
Rubber and plastics products	7,817	7,736	7,646	+1.0	+1.2	+0.8	7,889	7,901	7,916	7,194	+9.7
Apparel, printing and publishing and leather goods	11,724	11,642	11,556	+0.7	+0.7	+0.8	12,548	12,264	11,700	12,132	+3.4

^p Preliminary. ^r Revised.

See note at end of table 2 relating to survey error and revision.

Table 8. RATIOS OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP
(Based on seasonally adjusted data)

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio ¹			
	June 1997 ^p	May 1997 ^r	Apr. 1997	Mar. 1997	June 1997 ^p	May 1997 ^r	Apr. 1997	Mar. 1997
All manufacturing industries	1.36	1.37	1.35	1.36	2.86	2.89	2.86	2.90
Durable goods industries	1.55	1.58	1.55	1.56	3.39	3.44	3.40	3.44
Stone, clay, and glass products	1.17	1.16	1.14	1.16	0.98	0.95	0.95	0.95
Primary metals	1.61	1.63	1.60	1.63	2.01	2.03	1.97	1.97
Fabricated metal products	1.52	1.52	1.49	1.52	1.46	1.47	1.43	1.45
Industrial machinery and equipment	1.77	1.80	1.78	1.79	2.29	2.38	2.37	2.40
Electronic and other electrical equipment	1.34	1.38	1.39	1.33	1.86	1.88	1.82	1.78
Transportation equipment	1.58	1.61	1.55	1.58	11.21	11.29	11.08	11.72
Instruments and related products	1.92	1.95	1.91	1.91	3.65	3.72	3.65	3.65
Nondurable goods industries	1.13	1.12	1.11	1.12	0.71	0.71	0.71	0.71
Food and kindred products	0.88	0.87	0.87	0.87	(X)	(X)	(X)	(X)
Tobacco products	1.94	1.95	2.04	1.99	(X)	(X)	(X)	(X)
Textile mill products	1.54	1.50	1.48	1.48	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.21	1.21	1.18	1.22	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.29	1.28	1.27	1.30	(X)	(X)	(X)	(X)
Petroleum and coal products	0.85	0.84	0.83	0.83	(X)	(X)	(X)	(X)
Rubber and plastics products	1.33	1.33	1.26	1.30	(X)	(X)	(X)	(X)

^p Preliminary. ^r Revised. (X) Not applicable. (NA) Not available.

¹ Excludes the following industries with no unfilled orders : Wood and lumber products; glass containers; metal cans, barrels and drums; farm and garden machinery; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; knitting mill products; apparel and related products; chemicals; petroleum and coal products; and rubber and plastics products.

Table 9. REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES
(Based on seasonally adjusted data)

Industry	Shipments			New orders			Unfilled orders			Inventories		
	June ¹ 1997	June ² 1992-1996	June 1996-May 1997	June ¹ 1997	June ² 1992-1996	June 1996-May 1997	June ¹ 1997	June ² 1992-1996	June 1996-May 1997	June ¹ 1997	June ² 1992-1996	June 1996-May 1997
All manufacturing industries	(X)	0.1	0.1	(X)	0.2	0.2	(X)	0.1	0.1	(X)	0.0	0.0
Durable goods industries	0.2	0.1	0.2	0.1	0.2	0.3	0.0	0.1	0.1	(X)	0.1	0.1
Stone, clay, and glass products	(X)	0.6	0.5	(X)	1.2	0.9	(X)	0.7	0.7	(X)	0.2	0.2
Primary metals	0.1	0.4	0.3	-0.1	0.7	0.8	-0.2	0.2	0.3	(X)	0.1	0.0
Fabricated metal products	(X)	0.4	0.3	(X)	0.5	0.5	(X)	0.2	0.4	(X)	0.2	0.1
Industrial machinery and equipment	0.0	0.3	0.4	-0.3	0.6	0.6	-0.2	0.2	0.2	(X)	0.1	0.1
Electronic and other electrical equipment	0.0	0.2	0.5	0.2	1.7	1.0	0.1	0.8	0.5	(X)	0.1	0.1
Transportation equipment	0.9	0.6	0.3	0.4	0.3	1.0	0.0	0.1	0.2	(X)	0.2	0.1
Instruments and related products	(X)	0.9	0.4	(X)	1.6	1.0	(X)	0.1	0.3	(X)	0.1	0.3
Nondurable goods industries	(X)	0.2	0.1	(X)	0.2	0.1	(X)	0.4	0.2	(X)	0.2	0.1
Food and kindred products	(X)	0.0	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.2
Tobacco products	(X)	0.1	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.0
Textile mill products	(X)	0.7	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.3	0.2
Paper and allied products	(X)	0.6	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.6	0.1
Chemicals and allied products	(X)	0.3	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.1
Petroleum and coal products	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.4
Rubber and plastics products	(X)	0.4	0.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.1
Capital goods industries :												
Nondefense	0.7	0.5	0.3	0.0	0.8	0.5	-0.1	0.0	0.1	(X)	0.1	0.1
Defense	-0.4	0.3	0.6	3.5	2.0	4.2	0.2	0.1	0.2	(X)	0.3	0.2

(X) Not applicable. (NA) Not available.

Note : The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

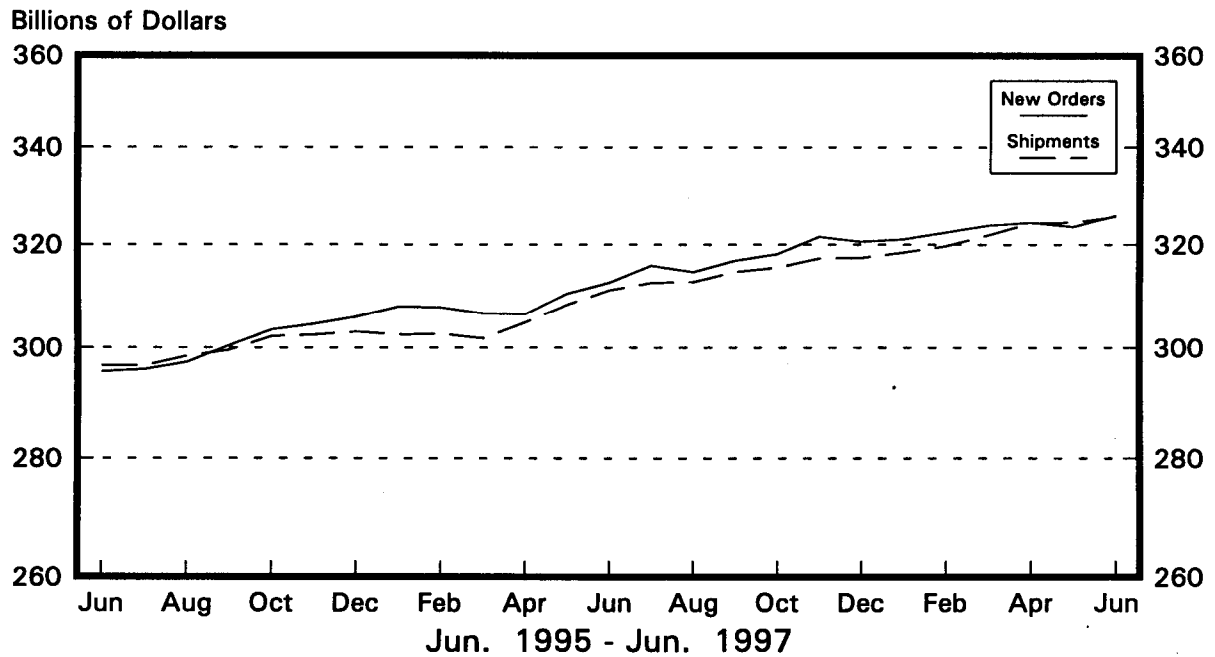
¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² Average for this month for the last five years.

See note at end of table 2 relating to survey error and revision.

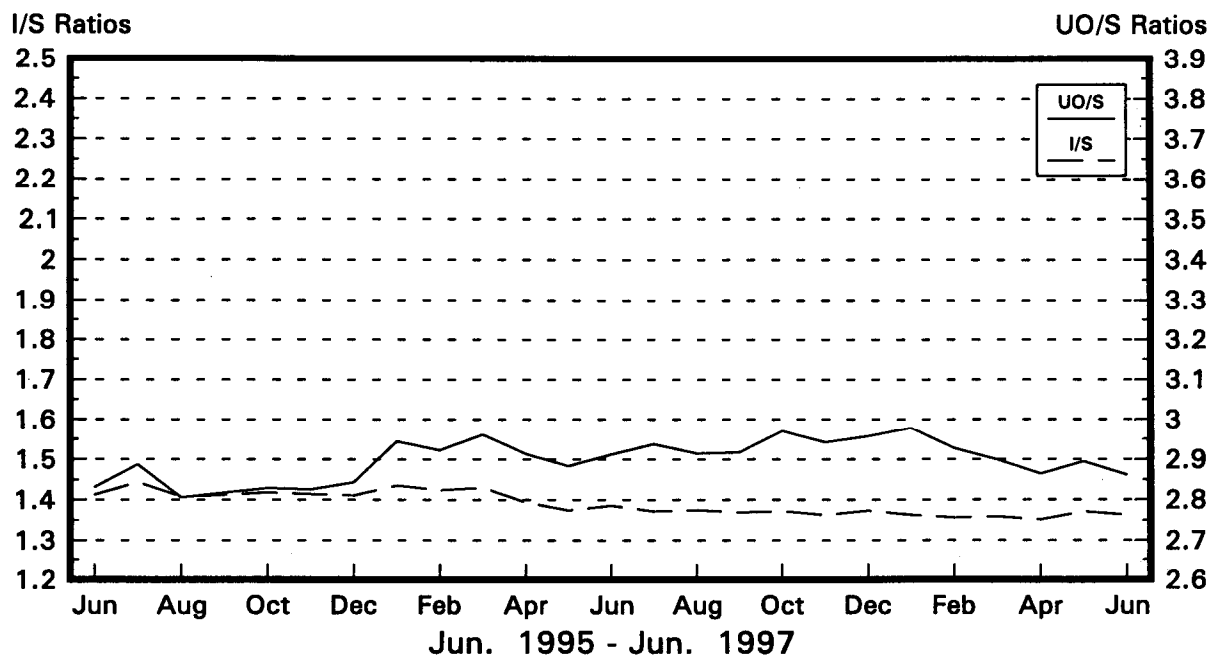
Total Manufacturing

New Orders and Shipments
Three Month Moving Averages



Total Manufacturing

Ratio of Unfilled Orders and
Inventories to Shipments



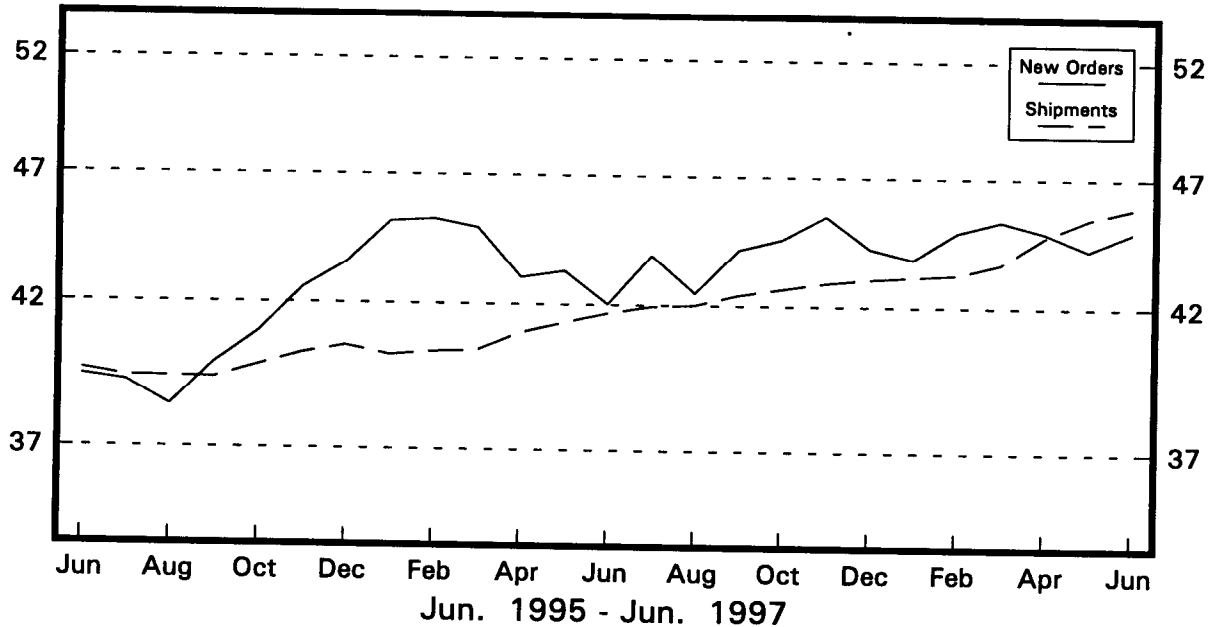
Note: All Charts based on seasonally adjusted current dollars.

Nondefense Capital Goods

11

New Orders and Shipments
Three Month Moving Averages

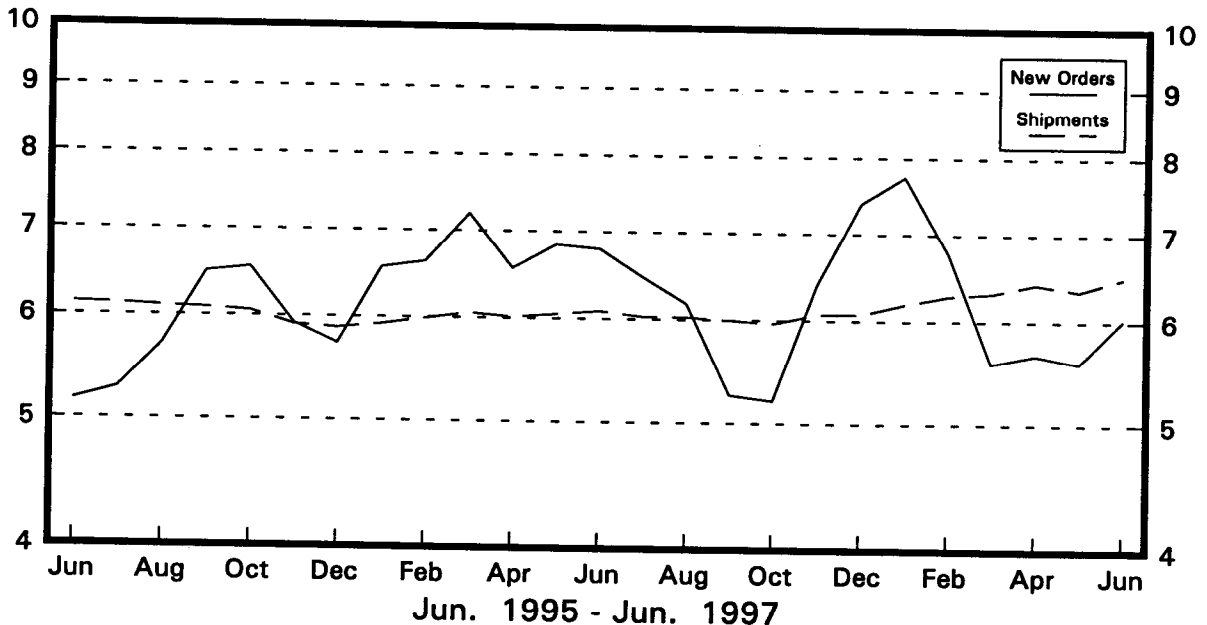
Billions of Dollars



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.